#5

PCT

RAW SEQUENCE LISTING DATE: 10/08/2004
PATENT APPLICATION: **US/10/509,715** TIME: 11:41:05

Input Set : **A:\LEA 35 949.ST25.txt**
Output Set: **N:\CRF4\10082004\J509715.raw**

3 <110> APPLICANT: Golz, Stefan
4 Bruggemeier, Ulf
5 Geerts, Andreas
7 <120> TITLE OF INVENTION: Diagnostics and Therapeutics for Diseases Associated with
8 N-Formyl Peptide Receptor Like 1 (FPRL1)
10 <130> FILE REFERENCE: Le A 35 949
C--> 12 **<140> CURRENT APPLICATION NUMBER: US/10/509,715**
C--> 12 **<141> CURRENT FILING DATE: 2004-10-01**
12 <150> PRIOR APPLICATION NUMBER: PCT/EP03/02959
13 <151> PRIOR FILING DATE: 2003-03-21
15 <150> PRIOR APPLICATION NUMBER: EP 02007291.4
16 <151> PRIOR FILING DATE: 2002-04-03
18 <160> NUMBER OF SEQ ID NOS: 5
20 <170> SOFTWARE: PatentIn version 3.3
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 2631
24 <212> TYPE: DNA
25 <213> ORGANISM: Homo sapiens
27 <400> SEQUENCE: 1

28 ggcacgagga acaacctatt tgcaaagttg gcgcaaacat tcctgcctga caggaccatg 60
30 gacacaggtt gtagagatag agatggctct ggctgtgcat tcagcagatt ctgtagatag 120
32 aattaatagg acttggatgg gattgtggtg agagaaagtg aaatgaaaga taagttctag 180
34 tttggaagtt ttaacaactg aatgtttaaa ctcaaataga cacaaaatat tggaagagtg 240
36 gcaggtttgg gaggatgaga caatcaactg tttggttgag ccacgttagg tttgaaatgt 300
38 ctacgggatc ccgtggggag aggttatatc agactggagc accagagaga ggccaaggct 360
40 gatagtttag atgaaaagag agcatgatat tttaagccct gagactggat aatatcacct 420
42 atagaaagac tatatagaga taagagaggt ggggaacaag taaaagctgc gggacactcc 480
44 taaatttaga gtcaaattta gagcagaaaa tactagcaaa ggggactgaa aagcggtggc 540
46 caattgagct tcaaatgcaa gtgaaagtgt gttgtgtgta catttatcat ctcatggcac 600
48 aggaaaaacg tgatttaagg agaaggaagc gatccaatgg gaagaagaga tccaatggat 660
50 cctctatcac gaagatattg agataagaac caatatggat ttgcacccac tgcatttgca 720
52 gccttgaggt cataagcatc ctcaggaaaa tgcaccaggt gctgctggca agatggaaac 780
54 caacttctcc actcctctga atgaatatga agaagtgtcc tatgagtctg ctggctacac 840
56 tgttctgcgg atcctcccat tggtggtgct tggggtcacc tttgtcctcg gggtcctggg 900
58 caatgggctt gtgatctggg tggctggatt ccggatgaca cgcacagtca ccaccatctg 960
60 ttacctgaac ctggccctgg ctgacttttc tttcacggcc acattaccat tcctcattgt 1020
62 ctccatggcc atgggagaaa aatggccttt tggctggttc ctgtgtaagt taattcacat 1080
64 cgtggtggac atcaacctct ttggaagtgt cttcttgatt ggtttcattg cactggaccg 1140
66 ctgcatttgt gtcctgcatc cagtctgggc ccagaaccac cgcactgtga gtctggccat 1200
68 gaaggtgatc gtcggacctt ggattcttgc tctagtcctt accttgccag ttttcctctt 1260
70 tttgactaca gtaactattc caaatgggga cacatactgt actttcaact ttgcatcctg 1320
72 gggtggcacc cctgaggaga ggctgaaggt ggccattacc atgctgacag ccagagggat 1380
74 tatccggttt gtcattggct ttagcttgcc gatgtccatt gttgccatct gctatgggct 1440

RAW SEQUENCE LISTING DATE: 10/08/2004
PATENT APPLICATION: US/10/509,715 TIME: 11:41:05

Input Set : A:\LEA 35 949.ST25.txt
Output Set: N:\CRF4\10082004\J509715.raw

```
 76 cattgcagcc aagatccaca aaaagggcat gattaaatcc agccgtccct tacgggtcct   1500
 78 cactgctgtg gtggcttctt tcttcatctg ttggtttccc tttcaactgg ttgcccttct   1560
 80 gggcaccgtc tggctcaaag agatgttgtt ctatggcaag tacaaaatca ttgacatcct   1620
 82 ggttaaccca acgagctccc tggccttctt caacagctgc ctcaacccca tgctttacgt   1680
 84 ctttgtgggc caagacttcc gagagagact gatccactcc ctgcccacca gtctggagag   1740
 86 ggccctgtct gaggactcag ccccaactaa tgacacggct gccaattctg cttcacctcc   1800
 88 tgcagagact gagttacagg caatgtgagg atggggtcag ggatattttg agttctgttc   1860
 90 atcctaccct aatgccagtt ccagcttcat ctacccttga gtcatattga ggcattcaag   1920
 92 gatgcacagc tcaagtattt attcaggaaa aatgcttttg tgtccctgat ttggggctaa   1980
 94 gaaatagaca gtcaggctac taaaatatta gtgttatttt ttgtttttg acttctgcct   2040
 96 ataccctggg gtaagtggag ttgggaaata caagaagaga aagaccagtg gggatttgta   2100
 98 agacttagat gagatagcgc ataataaggg gaagacttta aagtataaag taaaatgttt   2160
100 gctgtaggtt ttttatagct attaaaaaaa atcagattat ggaagttttc ttctattttt   2220
102 agtttgctaa gagttttctg tttctttttc ttacatcatg agtggacttt gcattttatc   2280
104 aaatgcattt tctacatgta ttaagatggt catattattc ttcttctttt atgtaaatca   2340
106 ttataaataa tgttcattaa gttctgaatg ttaaactact cttgaattcc tggaataaac   2400
108 cacacttagt cctgatgtac tttaaatatt tatatctcac aggagttggt tagaatttct   2460
110 gtgtttatgt ttatatactg ttatttcact ttttctacta tccttgctaa gttttcatag   2520
112 aaaataagga acaaagagaa acttgtaatg gtctctgaaa aggaattgag aagtaattcc   2580
114 tctgattctg ttttctggtg ttatatcttt attaaatatt cagaaaaatt c            2631
117 <210> SEQ ID NO: 2
118 <211> LENGTH: 351
119 <212> TYPE: PRT
120 <213> ORGANISM: Homo sapiens
122 <400> SEQUENCE: 2
124 Met Glu Thr Asn Phe Ser Thr Pro Leu Asn Glu Tyr Glu Glu Val Ser
125 1               5                  10                  15
128 Tyr Glu Ser Ala Gly Tyr Thr Val Leu Arg Ile Leu Pro Leu Val Val
129             20                  25                  30
132 Leu Gly Val Thr Phe Val Leu Gly Val Leu Gly Asn Gly Leu Val Ile
133         35                  40                  45
136 Trp Val Ala Gly Phe Arg Met Thr Arg Thr Val Thr Thr Ile Cys Tyr
137     50                  55                  60
140 Leu Asn Leu Ala Leu Ala Asp Phe Ser Phe Thr Ala Thr Leu Pro Phe
141 65                  70                  75                  80
144 Leu Ile Val Ser Met Ala Met Gly Glu Lys Trp Pro Phe Gly Trp Phe
145                 85                  90                  95
148 Leu Cys Lys Leu Ile His Ile Val Val Asp Ile Asn Leu Phe Gly Ser
149             100                 105                 110
152 Val Phe Leu Ile Gly Phe Ile Ala Leu Asp Arg Cys Ile Cys Val Leu
153         115                 120                 125
156 His Pro Val Trp Ala Gln Asn His Arg Thr Val Ser Leu Ala Met Lys
157     130                 135                 140
160 Val Ile Val Gly Pro Trp Ile Leu Ala Leu Val Leu Thr Leu Pro Val
161 145                 150                 155                 160
164 Phe Leu Phe Leu Thr Thr Val Thr Ile Pro Asn Gly Asp Thr Tyr Cys
165                 165                 170                 175
168 Thr Phe Asn Phe Ala Ser Trp Gly Gly Thr Pro Glu Glu Arg Leu Lys
169             180                 185                 190
```

RAW SEQUENCE LISTING DATE: 10/08/2004
PATENT APPLICATION: **US/10/509,715** TIME: 11:41:05

Input Set : **A:\LEA 35 949.ST25.txt**
Output Set: **N:\CRF4\10082004\J509715.raw**

```
172 Val Ala Ile Thr Met Leu Thr Ala Arg Gly Ile Ile Arg Phe Val Ile
173         195                 200                 205
176 Gly Phe Ser Leu Pro Met Ser Ile Val Ala Ile Cys Tyr Gly Leu Ile
177     210                 215                 220
180 Ala Ala Lys Ile His Lys Lys Gly Met Ile Lys Ser Ser Arg Pro Leu
181 225                 230                 235                 240
184 Arg Val Leu Thr Ala Val Val Ala Ser Phe Phe Ile Cys Trp Phe Pro
185                 245                 250                 255
188 Phe Gln Leu Val Ala Leu Leu Gly Thr Val Trp Leu Lys Glu Met Leu
189             260                 265                 270
192 Phe Tyr Gly Lys Tyr Lys Ile Ile Asp Ile Leu Val Asn Pro Thr Ser
193         275                 280                 285
196 Ser Leu Ala Phe Phe Asn Ser Cys Leu Asn Pro Met Leu Tyr Val Phe
197     290                 295                 300
200 Val Gly Gln Asp Phe Arg Glu Arg Leu Ile His Ser Leu Pro Thr Ser
201 305                 310                 315                 320
204 Leu Glu Arg Ala Leu Ser Glu Asp Ser Ala Pro Thr Asn Asp Thr Ala
205                 325                 330                 335
208 Ala Asn Ser Ala Ser Pro Pro Ala Glu Thr Glu Leu Gln Ala Met
209             340                 345                 350
212 <210> SEQ ID NO: 3
213 <211> LENGTH: 20
214 <212> TYPE: DNA
215 <213> ORGANISM: Homo sapiens
217 <400> SEQUENCE: 3
218 gtgatctggg tggctggatt                                          20
221 <210> SEQ ID NO: 4
222 <211> LENGTH: 24
223 <212> TYPE: DNA
224 <213> ORGANISM: Homo sapiens
226 <400> SEQUENCE: 4
227 cggatgacac gcacagtcac cacc                                     24
230 <210> SEQ ID NO: 5
231 <211> LENGTH: 20
232 <212> TYPE: DNA
233 <213> ORGANISM: Homo sapiens
235 <400> SEQUENCE: 5
236 agggccaggt tcaggtaaca                                          20
```

VERIFICATION SUMMARY DATE: 10/08/2004
PATENT APPLICATION: **US/10/509,715** TIME: 11:41:06

Input Set : **A:\LEA 35 949.ST25.txt**
Output Set: **N:\CRF4\10082004\J509715.raw**

L:12 M:270 C: Current Application Number differs, Replaced Current Application No
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date